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June 4, 1996

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Document Processing Center (TS-790)
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Attention: Section 8(e) Coordinator

Dear Sir:

This is a follow-up to a Section 8(e) notice on n-propyl bromide (CAS# 106-94-5) which was submitted by [] on April 4, 1996 pursuant to the Toxic Substances Control Act, 15 USC 2607(e).

A 28-day repeated dose inhalation study was conducted in Sprague Dawley rats. Nominal air concentrations were 0, 2 mg/l, 5 mg/l and 8 mg/l. All dose groups showed decreased weight gains compared to control. Mortality was seen in the high dose group: 8 of 10 males and 3 of 10 females died or were sacrificed before the end of the studies. High dose animals surviving to the end of the study were considered emaciated. Target organ effects identified by histopathology in the high dose group included effects on the nasal passages, cystitis and dilated bladder, and vacuolation of grey and white matter of the nervous system. Occasional lesions included increased or decreased hematopoietic activity of the bone marrow, hypo- or lack of spermatogenesis, pyometra, and vaginitis.

We plan to conduct a 90-day repeated dose study and will follow up with additional information upon completion.

If you have any questions, please call me at []

Sincerely,

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